

CLAIMS

1. An improved, reduced streaking/filming dilute cleaning formulation used in a no-rinse
cleaning application, preferably either by a dosing dispenser or in a combined
5 cleaning tool which contains a cleaning head, a handle, a reservoir of the cleaning
formulation mounted to said handle and a means for dispensing the cleaning
formulation in a suitable direction relative to the cleaning head, wherein said
formulation comprises:

10 a. a mixture of cleaning effective amount of surfactants, said mixture comprising
at least one anionic surfactant and at least one nonionic surfactant, said
nonionic surfactant having an HLB of least about 8;
b. a water soluble polymer having a molecular weight below about 2,000,000
Daltons, said polymer being present in a shining, restorative or anti-filming
effective amount;
c. at least one organic solvent with a vapor pressure of at least 0.001 mmHg at
25°C and soluble to the extent of at least 1g/100ml H₂O, preferably limited to
no more than about 50% of said formulation;
d. at least one volatile buffer/chelating agent, in a cleaning-effective amount; and
e. the remainder, water.

20 2. The formulation of claim 1 wherein said anionic surfactant is a C₆₋₂₀
alkyldiphenyloxide disulfonate.

25 3. The formulation of claim 2 wherein said nonionic surfactant is selected from the
group consisting of linear and branched alkoxylated alcohols and alkoxylated
alkylphenols.

4. The formulation of claim 3, wherein alkoxylated alcohols are selected from the group
consisting of ethoxylated, propoxylated and ethoxylated/propoxylated C₆₋₂₀ alcohols,
with about 1-5 moles of ethylene oxide, or about 1-5 moles of propylene oxide, or 1-5
and 1-5 moles of ethylene oxide and propylene oxide, respectively, per mole of
alcohol.

30 5. The formulation of either claim 4 or 2, wherein the ratio of said anionic to nonionic
surfactants is about 1:0.1 to about 1:1.

15 20 25 30
TOTALITY: 83005660

6 5. The formulation of claim 1 wherein said water soluble polymer is a polyacrylate polymer.

7 6. The formulation of claim 1 further comprising (f) at least one aesthetic or functional adjunct.